

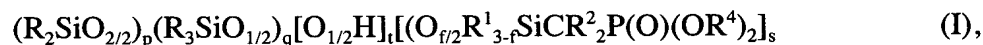
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Kindly cancel claims 1 - 5 without prejudice, in favor of new claims 6 - 16.

Claims 1 - 5. (Cancelled)

6. (NEW) A process for the preparation of phosphonic ester-modified organosiloxanes of the formula



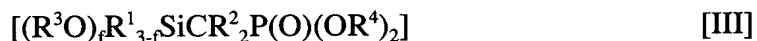
in which

- R is a hydrogen atom or a monovalent, optionally -CN-, -NCO-, NR^5_2 -, -COOH-, -COOR⁵-, -halogen-, -acryloyl-, -epoxy-, -SH-, -OH- or -CONR⁵₂- substituted Si-C-bonded C₁-C₂₀ hydrocarbon radical or C₁-C₁₅ hydrocarbonoxy radical in which one or more nonadjacent methylene units may be replaced by groups -O-, -CO-, -COO-, -OCO-, -OCOO-, -S-, or -NR⁵- and in which one or more nonadjacent methine units may be replaced by groups -N=, -N= or -P=,
- R¹ is a hydrogen atom or a monovalent, optionally -CN-, -NCO-, -COOH-, -COOR⁵-, -halogen-, -acryloyl-, -SH-, -OH- or -CONR⁵₂- substituted Si-C-bonded C₁-C₂₀ hydrocarbon radical or C₁-C₁₅ hydrocarbonoxy radical in which one or more nonadjacent methylene units may be replaced by groups -O-, -CO-, -COO-, -OCO-, -OCOO-, -S-, or -NR⁵- and in which one or more nonadjacent methine units may be replaced by group, -N=, -N= or -P=,
- R² is hydrogen or an optionally -CN- or halogen-substituted C₁-C₂₀ hydrocarbon radical,
- R⁴ is hydrogen or an optionally -CN- or halogen-substituted C₁-C₂₀ hydrocarbon radical or a substituted or unsubstituted polyalkylene oxide having 1 to 4000 carbon atoms,
- R⁵ is hydrogen or an optionally -CN- or halogen-substituted C₁-C₁₀ hydrocarbon radical,

p is 0 or an integer from 1 to 100,000,
 q is 0 or an integer from 1 to 100,000,
 f is 1, 2 or 3,
 s is an integer which is at least 1 and
 t is 0 or an integer which is at least 1,
 p+q is an integer which is at least 1,

comprising reacting:

at least one silane of the formula



is reacted with at least one silicon compound of the general formula



where

R^3 is hydrogen or an optionally -CN- or halogen-atom-substituted C_1 - C_{20} hydrocarbon radical, and
 m is an integer 1 or 2.

7. (NEW) The process of claim 6, wherein the sum $p + q$ is an integer which is at least 2.

8. (NEW) The process of claim 6, carried out in the presence of catalyst.

9. (NEW) The process of claim 7, carried out in the presence of catalyst.

10. (NEW) The process of claim 6, carried out at temperature(s) of 0 to 200°C.

11. (NEW) The process of claim 7, carried out at temperature(s) of 0 to 200°C.

12. (NEW) The process of claim 8, carried out at temperature(s) of 0 to 200°C.
13. (NEW) The process of claim 6, carried out in an inert gas atmosphere.
14. (NEW) The process of claim 7, carried out in an inert gas atmosphere.
15. (NEW) The process of claim 8, carried out in an inert gas atmosphere.
16. (NEW) The process of claim 10, carried out in an inert gas atmosphere.